

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ronald Azuma

Serial No.: : 09/677,467

Filed : September 29, 2000

Entitled : SYSTEM AND METHOD FOR  
AUTOMATIC PLACEMENT OF  
LABELS FOR INTERACTIVE  
GRAPHICS APPLICATIONS

Docket : RTN-130PUS

Group Art Unit: Not yet assigned

Examiner: Not yet assigned

Certificate of Mailing (37 C.F.R. 1.8(a))

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Assistant Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

4-24-01

Date of Signature  
and Mail Deposit

By: Judith C. Crowley  
Judith C. Crowley  
Reg. No. 35,091  
Attorney for Applicant(s)

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MAY 1 - 2001  
Technology Center 2100

REVOCATION OF POWER AND  
APPOINTMENT OF NEW POWER OF ATTORNEY

Sir:

Raytheon Company having a principal office at 141 Spring Street, Lexington, MA 02421, represents that it is the owner of record of all title, right and interest in the above-identified patent application by virtue of an assignment dated October 2, 2000 (copy attached).

The undersigned, whose title is supplied below, is empowered to act and authorized to execute this document on behalf of the Assignee and hereby revokes all previous powers in the above-identified application and respectfully requests the appointment of:

Glenn H. Lenzen, Jr.	Reg. No. 29,320
Robin R. Loporchio	Reg. No. 40,071
Peter Dulchinos	Reg. No. 33,379
Joseph E. Funk	Reg. No. 25,974

all of Raytheon Company, 141 Spring Street, Lexington MA 02421, and

Christopher S. Daly	Reg. No. 37,303
Judith C. Crowley	Reg. No. 35,091
Donald F. Mofford	Reg. No. 33,740
Paul D. Durkee	Reg. No. 41,003
Barry Gaiman	Reg. No. 42,562
Richard M. Sharkansky	Reg. No. 25,800

All of Daly, Crowley & Mofford, LLP, 275 Turnpike Street, Suite 101, Canton, MA 02021, jointly and each of them severally as my attorneys-at-law with full power of substitution, delegation and revocation, to prosecute the application, to register, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all further communications to:

Judith C. Crowley, Esq.  
Daly, Crowley & Mofford, LLP  
275 Turnpike Street, Suite 101  
Canton, MA 02021-2310  
Tel.: (781) 401-9988  
Fax: (781) 401-9966



Application No.: 09/677,467  
Filed: September 29, 2000  
Attorney Docket No.: RTN-130PUS

Respectfully submitted,

RAYTHEON COMPANY

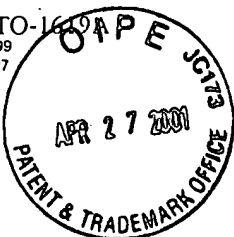
By *Glenn H. Lenzen, Jr.*

Glenn H. Lenzen, Jr.  
Vice President  
Intellectual Property & Licensing  
141 Spring Street  
Lexington, MA 02421

March 30, 2001  
Dated

Daly, Crowley & Mofford, LLP  
275 Turnpike Street – Suite 101  
Canton, MA 02021-2310  
Telephone: (781) 401-9988  
Facsimile: (781) 401-9966

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Document ID#

☐ Correction of PTO Error  
Reel #  Frame #

☐ Corrective Document  
Reel #  Frame #

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☒ Assignment ☐ Security Agreement

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☐ Merger ☐ Other

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☐ Departmental File ☐ Secret File

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Name (line 1)  Execution Date  
Month Day Year  
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Month Day Year

Name (line 2)

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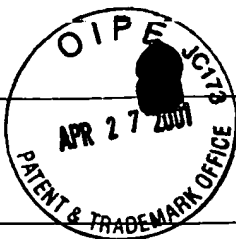
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**Correspondent Name and Address**

Area Code and Telephone Number **781-401-9988**

Name **Daly, Crowley & Mofford, LLP**

Address (line 1) **275 Turnpike Street, Suite 101**

Address (line 2) **Canton, MA 02021-2310**

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# **2**

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

**09/677,467**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

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**Number of Properties**

Enter the total number of properties involved.

# **1**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:  
Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# **500845**

Authorization to charge additional fees:

Yes ☒

No ☐

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**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Judith C. Crowley

Name of Person Signing

Signature

Date

**4-3-01**

**ASSIGNMENT**Page 1 of 2  
PD-99W172

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an) **SYSTEM AND METHOD FOR AUTOMATIC PLACEMENT OF LABELS FOR INTERACTIVE GRAPHICS APPLICATION** for which application for Letters Patent of the United States has been executed by me on or before this day, or (if the following is completed) filed on 9/29/00 as Serial No. 09/677,467; and

WHEREAS, RAYTHEON COMPANY, (hereinafter referred to as Raytheon), a Delaware Corporation, having its principal place of business in Lexington, Massachusetts, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to RAYTHEON, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in-part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said RAYTHEON, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to RAYTHEON, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by RAYTHEON, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of RAYTHEON, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in RAYTHEON, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR RONALD AZUMA	INVENTOR'S SIGNATURE <i>Ronald Azuma</i>	DATE Oct 2, 2000
RESIDENCE (CITY AND STATE) SANTA MONICA, CA		INVENTION AGREEMENT DATE March 1995

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

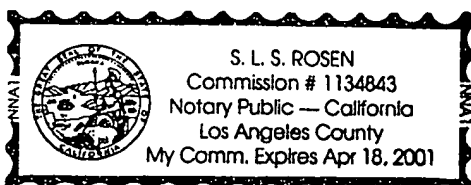
STATE OF Calif.  
COUNTY OF LOS ANGELES

SS:

On 10-2-00 before me, S.L.S. ROSEN  
a Notary Public in and for said State, personally appeared  
RONALD AZUMA

☒ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Notary Public SLS Rosen

2173



Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (6-98)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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+

<h1>TRANSMITTAL FORM</h1> <p><i>(to be used for all correspondence after initial filing)</i></p>	Application Number	09/677,467	
	Filing Date	September 29, 2000	
	First Named Inventor	Ronald Azuma	
	Group Art Unit	Not yet assigned	
	Examiner Name	Not yet assigned	
Total Number of Pages in This Submission	5	Attorney Docket Number	RTN-130PUS

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">         Return Postcard           copy of assignment       </div>
Remarks: In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 500845 for the cost of such extension.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Judith C. Crowley, Reg. No. 35,091 Daly, Crowley & Mofford, LLP
Signature	
Date	4-24-01

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Typed or printed name	Judith C. Crowley		
Signature		Date	4-24-01

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PTO/SB/17 (09-00)  
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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) **40**

## Complete if Known

Application Number	09/677,467
Filing Date	September 29, 2000
First Named Inventor	Ronald Azuma
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	RTN-130PUS

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **50-0845**  
Deposit Account Name **Daly, Crowley & Mofford, LLP**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$) **0**

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** = 0	X 18 = 0	
Multiple Dependent	-3** = 0	X 80 = 0	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) **0**

\*\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) **40**

## SUBMITTED BY

Name (Print/Type)	<b>Judith C. Crowley</b>	Registration No. (Attorney/Agent)	<b>35,091</b>	Telephone	<b>781.401.9988 ext. 12</b>
Signature	<i>Judith C. Crowley</i>	Date	<b>4-3-01</b>		

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## CHANGE OF CORRESPONDENCE ADDRESS Application

Address to:  
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Application Number	09/677,467
Filing Date	September 29, 2000
First Named Inventor	Ronald Azuma
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	RTN-130PUS

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Daly, Crowley & Mofford, LLP

Address

275 Turnpike Street, Suite 101

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City

Canton

State

MA

ZIP

02021

Country

USA

Telephone

781-401-9988

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781-401-9966

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I am the :

☐

Applicant.

☐

Assignee of record of the entire interest.  
Certificate under 37 CFR 3.73(b) is enclosed.

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Attorney or agent of record .

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MAY 1 - 2001  
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Typed or  
Printed Name

Judith C. Crowley, Reg. No. 35,091

Signature

Judith C. Crowley

Date

4-24-01

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